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WASHINGTON, D.C. 20231

ATTENTION: NEW APPLICATION BRANCH

Sir:

Transmitted herewith for filing under 35 USC 111 is the patent application of

Inventor(s): Xin-Xing Gu and John B. Robbins


For: LIPOOLIGOSACCHARIDE BASED VACCINE FOR PREVENTION OF MORAXELLA
(BRANHAMELLA) CATARRHALIS INFECTIONS IN HUMANS

Enclosed are:

- (x) Three (3) sheets of drawing.
- (x) Return prepaid postcard.
- (x) Please amend the specification to insert as the first line: "This application claims the benefit of priority of International Application No. PCT/US99/00590 having international filing date of January 12, 1999, which claims the benefit of priority of U.S. Application No. 60/071,483, filed January 13, 1998."
- (x) Incorporation by Reference. The entire disclosure of the prior applications is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
- (x) Unsigned declaration by inventor(s).

CLAIMS AS FILED

FOR	NUMBER FILED	NUMBER EXTRA	RATE	FEE
Basic Fee			\$690	\$690
Total Claims	38 - 20 =	18 ×	\$18	\$324
Independent Claims	8 - 3 =	5 ×	\$78	\$390
If application contains any multiple dependent claims(s), then add			\$260	\$0
TOTAL FILING FEE		\$1404		


Nancy W. Vensko
Registration No. 36,298
Attorney of Record

PA-300L
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U.S. PTO. 841

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SUITE 200

SAN LUIS OBISPO, CALIFORNIA 93401

(805) 547-5580

FAX (805) 547-5590

INTERNET: WWW.KMOB.COM

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GORDON H. OLSON*
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OF COUNSEL
JERRY R. SEIDMAN
JAPANESE PATENT ATTORNEY
KATSUHIRO
EUROPEAN PATENT ATTORNEY
MARTIN HECHT
KOREAN PATENT ATTORNEY
MINCHEOL KIM
SCIENTISTS & ENGINEERS
(NON-LAWYERS)
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Assistant Commissioner for Patents
Washington, D.C. 20231

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Attorney Docket No. : NIH142.001C1\

Applicant(s) : Xin-Xing Gu and John B. Robbins

For : LIPOOLIGOSACCHARIDE BASED VACCINE FOR
PREVENTION OF MORAXELLA (BRANHAMELLA)
CATARRHALIS INFECTIONS IN HUMANS

Attorney : Nancy W. Vensko

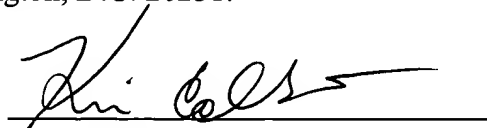
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I hereby certify that the accompanying

Transmittal and one copy; Specification in 51 pages; 3 sheets of drawings;
unsigned Declaration by inventor(s); Check in the amount of \$1404 for Filing
Fee; Return Prepaid Postcard

are being deposited with the United States Postal Service "Express Mail Post Office to
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Kim Collins

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* ALSO BARRISTER AT LAW (U.K.)
** U.S. PATENT AGENT

ASSISTANT COMMISSIONER FOR PATENTS

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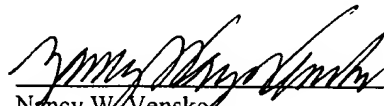
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Attorney Docket No. NIH142.001C1

Date: July 5, 2000

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- (X) Please use Customer No. 20,995 for the correspondence address.



Nancy W. Vensko
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